

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER _____

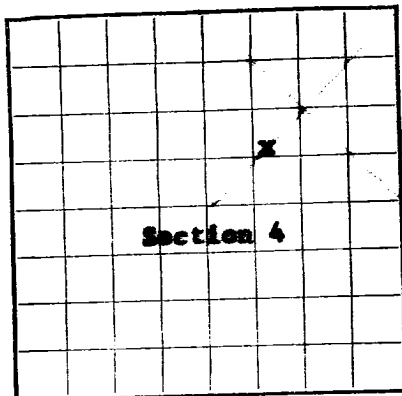
LEASE OR PERMIT TO PROSPECT _____

Jicarilla Tribal Oil & Gas Lease
UNITED STATES
No. 157

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company Shar-Alan Oil Company Address 1402 Denver U. S. National Center
Lessor or Tract Jicarilla "K" No. 157 Field Undesignated State New Mexico
Well No. 1 Sec. 4 T. 23N R. 2W Meridian NM County Sio Arriba
Location 1850 ft. N of N Line and 1850 ft. W of E Line of NE/4 Elevation 7184
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon
so far as can be determined from all available records.

Signed Richard S. HuntDate September 30, 1963 Title Mgr. of Lands & Explorations

The summary on this page is for the condition of the well at above date.

Commenced drilling 12-7-62, 19____ Finished drilling 12-9-62, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2954 to 2972 (G) No. 4, from _____ to _____
No. 2, from 2988 to 2994 No. 5, from _____ to _____
No. 3, from 3007 to 3018 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>8-5/8"</u>	<u>24.7</u>	<u>8V</u>	<u>CPI</u>	<u>2954</u>	<u>RT</u>	<u>2954</u>	<u>2954</u>	<u>2972</u>	<u>Prod.</u>
<u>4-1/2"</u>	<u>19.7</u>	<u>8V</u>	<u>CPI</u>	<u>2972</u>	<u>RT</u>	<u>2972</u>	<u>2972</u>	<u>2988</u>	<u>Prod.</u>
<u>1-1/4"</u>	<u>2.46</u>	<u>8V</u>	<u>CPI</u>	<u>2988</u>	<u>RT</u>	<u>2988</u>	<u>2988</u>	<u>3007</u>	<u>Prod.</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>94'</u>	<u>60</u>	<u>Halliburton</u>		
<u>4-1/2"</u>	<u>3059</u>	<u>75</u>			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 3674 MCF Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 936

EMPLOYEES

_____, Driller _____, Driller
Rayco Drilling Company, Driller _____, Driller
Yarnington, New Mexico

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>2600</u>	<u>2794</u>	<u>194</u>	<u>Ojo Alamo</u>
<u>2795</u>	<u>2894</u>	<u>99</u>	<u>Kirtland</u>
<u>2896</u>	<u>2949</u>	<u>53</u>	<u>Fruitland</u>
<u>2950</u>	<u>30018</u>	<u>2950</u>	<u>Pictured Cliffs</u>
	<u>30607D</u>		

Perforated as shown above. Fraced treated down casing with 30,000# sand 32,000
gallons water. Breakdown pressure 1500 psi. Treating pressure 1600-1800 psi. Dropped
40 balls. Instant shut-in pressure 300 psi. Injection rate 37.4 BPM. Ran 1 1/4'
upset tubing to 2925'.

3 hour Back Pressure test run 6-29-63. Charts attached.

(OVER)

FORMATION RECORD—Continued

Y-ROBSONVILLE

[illegible]

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